

# ARCHITECTURE QUALITY ASSURANCE CHECKLIST

## Predesign

- ☐ Architectural Design Program documentation aligns with PMIS and Budget are incorporated.
- ☐ Required deliverables submitted
- ☐ Contextual Design demonstrated

## Schematic Design

- ☐ Post-DAB recommendations are incorporated
- ☐ Required deliverables submitted

## Design Development

- ☐ Compliance Drawings clearly indicate proposed impacts of recommended treatments
- ☐ Adaptive-Use floor plans clearly distinguish old from new.
- ☐ NPS cover sheet is used, clearly indicating park boundaries, limits of proposed work, and any historic district boundaries
- ☐ Drawings comply with Director's Order and Reference Manual 10A, DSC CAD Users Guide, and NPS/DSC Cad Drafting Standards.
- ☐ Outline Specifications clearly reflect overview of treatment and quality that is presented in the drawings
- ☐ Organization of discipline drawings such as civil, landscape architectural, architectural, followed by structural, then HVAC, plumbing, fire protection, and electrical complies with Director's Order and Reference Manual 10A.
- ☐ Site property lines and existing conditions match with surveyor civil drawings.
- ☐ Limits of construction match with landscape, civil, plumbing, and electrical site plans.
- ☐ Building location meets all setback requirements, zoning codes, and deed restrictions.
- ☐ Elevation points match with site, civil, landscape, architectural and structural drawings.
- ☐ Demolition instructions are clear on what to remove and what to remain, and are coordinated with design documents.
- ☐ Architectural space requirements are commensurate with ductwork, conduit, piping, light fixtures, elevators, and other equipment.
- ☐ All plans, elevations and details are accessibility (ADA) compliant where required.
- ☐ Orientation of all site, floor, and ceiling plans is consistent.
- ☐ Large-scale plans and sections match small scale plans and sections.
- ☐ Locations of columns, bearing walls, grid lines and overall building dimensions match structural.
- ☐ Equipment room or areas are commensurate with mechanical, electrical, and plumbing.

- \_\_\_ Modern structural, mechanical, and electrical components are hidden behind historic surfaces to the greatest extent possible.
- \_\_\_ Locations of expansion joints on floors and elevations match the structural drawings.
- \_\_\_ Required deliverables submitted

### 100% Draft Construction Documents

- \_\_\_ Building elevations match floor plans and have the same scale.
- \_\_\_ Building sections match elevations, plans, and structural drawings.
- \_\_\_ Building plan match lines are consistent on architectural, structural, mechanical, plumbing, and electrical drawings.
- \_\_\_ Specifications follow NPS format and include contract price or bid schedule
- \_\_\_ Appropriate treatment and “quality” of materials is represented in the Specifications
- \_\_\_ Structural member locations are commensurate architecturally.
- \_\_\_ Chases match on structural, mechanical, plumbing, and electrical drawings.
- \_\_\_ Section and detail call-outs are proper and accurately cross-referenced. Location of details and call-outs on detail sheets, such as left to right, and top to bottom, is consistent.
- \_\_\_ Reflected architectural ceiling plans match with structural, mechanical, plumbing, fire protection, and electrical plans.
- \_\_\_ Columns, beams, and slabs are shown and noted on elevations and sections.
- \_\_\_ Door schedule information matches plans, elevations, fire rating, and specifications.
- \_\_\_ Cabinets and millwork will fit in available space.
- \_\_\_ Through-the-wall flashing and weep holes are provided where moisture may penetrate the outer material.
- \_\_\_ Appropriate flashing materials and gauges are selected.
- \_\_\_ Walls, ceilings, fire and smoke dampers are fire rated as required.
- \_\_\_ Miscellaneous metals are detailed, noted, and coordinated with the Specifications.
- \_\_\_ The limits, types, and details of insulation are coordinated with design documents.
- \_\_\_ The limits, types, and details of roofing are coordinated with design documents.
- \_\_\_ All window walls, expansion joints, and weeps are provided as required.
- \_\_\_ Dew point locations in walls, roofs, and terraces have been determined, and vapor retarders have been provided where required.
- \_\_\_ Paint and material colors are in the finish schedule on the drawings or in the specifications where appropriate.
- \_\_\_ Appropriate glazing materials such as tempered, laminated, etc., are indicated in drawings and specifications where required.
- \_\_\_ Paint samples are taken from unweathered locations, and used to match modern paints to historic colors.

- \_\_\_ Drain-back piping of fire sprinkler systems are coordinated with architectural spaces, structural members, mechanical drainage piping and ductwork, and electrical fixtures and equipment.
- \_\_\_ Required deliverables submitted

### Submit 100% Complete Construction Documents for Final Approval

- \_\_\_ Required deliverables submitted
- \_\_\_ All review comments from 100% Draft Review satisfactorily resolved